

Practice

Student Edition
Pages 466–473**Inscribed Angles***In $\odot P$, $m\widehat{AB} = x$ and $m\widehat{BC} = 3x$. Find each measure.*

1. $m\widehat{ADC}$

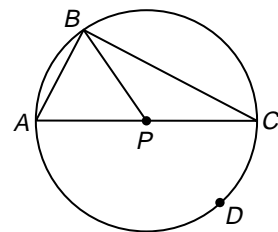
4. $m\angle ABC$

2. $m\widehat{AB}$

5. $m\angle A$

3. $m\widehat{BC}$

6. $m\angle C$

*In $\odot Q$, $m\angle ABC = 72$ and $m\widehat{CD} = 46$. Find each measure.*

7. $m\widehat{CA}$

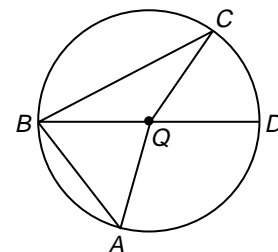
10. $m\widehat{BC}$

8. $m\widehat{AD}$

11. $m\angle C$

9. $m\angle ABD$

12. $m\angle A$



13. Suppose $ABCD$ is a trapezoid that has its vertices on $\odot P$, with $AB \parallel CD$. Write a paragraph proof to show that $ABCD$ is an isosceles trapezoid.